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The Gazette of India

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No. 3] NEW DELHI, SATURDAY, JANUARY 19, 1980 (PAUSA 29, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS & DESIGNS
Calcutta, the 19th January, 1980

SPECIAL NOTICE

The following holidays will be observed by the Patent Office, Calcutta, during the year 1980.

Name of Festival	Day of the Week	Date
Sree Panchami	Tuesday	22nd January
Netaji's Birthday	Wednesday	23rd January
Republic Day	Saturday	26th January
Doljatra	Saturday	1st March
Mahavira Jayanti	Saturday	29th March
Good Friday	Friday	4th April
Buddha Purnima	Wednesday	30th April
Id-ul-Fitr	Wednesday	13th August
Independence Day	Friday	15th August
Gandhiji's Birthday	Thursday	2nd October
Durgapuja (Mahaastami)	Friday	17th October
Durgapuja (Mahanavami)	Saturday	18th October
Durgapuja (Vijayadasami)	Sunday	19th October
Id-uz-Zuha	Monday	20th October
Muharram	Wednesday	19th November
Guru Nanak's Birthday	Saturday	22nd November
Christmas Day	Thursday	25th December

CORRIGENDA

In the Gazette of India, Part III, Section 2 dated the 30th December 1978 under the heading "COMPLETE SPECIFICATION ACCEPTED" in page 880, Column 1 against No. 145809 Insert Division of application No. 1247/Cal/74, filed June 7, 1974 after Application No. 63/Del/76 filed December 18, 1976.

In the Gazette of India, Part III, Section 2 dated the 13th October 1979 in page 600, Column 1 under the heading "PATENTS SEAL'D" delete numbers 144230, 144288 and 145951 respectively.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

13th December, 1979.

- 1298/Cal/79. Usha Automobile & Engineering Ltd. Bonnet locking device.
1299/Cal/79. Usha Automobile & Engineering Ltd. Wind-screen wiper safety device.
1300/Cal/79. Beton-ES Vasbeton'pari Muvek. Rail fastening.

14th December, 1979.

- 1301/Cal/79. Societa Italiana Telecomunizazioni Siemens S.p.A. Telephone switch for time-division multiplex systems, particularly for pam telephone exchange.
1302/Cal/79. CPC International Inc. Fluidized bed process and apparatus.
1303/Cal/79. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method of indirect measurement of bolt or screw pre-stressing.
1304/Cal/79. G. M. J. Khonneux Water purification equipment.
1305/Cal/79. General Electric Company. Foreign particle separator.
1306/Cal/79. Hoechst Aktiengesellschaft. Recrystallization-resistant monoazo pigment mixtures of high tinctorial strength, process for their preparation and their use.

15th December, 1979.

- 1307/Cal/79. Orissa Cement Limited. Concrete paving block.
1308/Cal/79. Savio & C.S.p.A. Improvements in or relating to apparatus for thread storing and feeding thereof to using machines.
1309/Cal/79. Gulf Oil Corporation. Coal liquefaction process with a plurality of feed coals.
1310/Cal/79. Gulf Oil Corporation. Integrated coal liquefaction-gasification process.

17th December 1979.

- 1311/Cal/79. Cummins Engine Company, Inc. Internal combustion engine coolant system.
1312/Cal/79. Satake Engineering Co. Ltd. Automatic control device for particle color discriminating apparatus.
1313/Cal/79. Siemens Aktiengesellschaft. Printed circuit sub-assembly and carrier therefor.
1314/Cal/79. Stopinc Aktiengesellschaft. Improved three-plate slide valve closure for liquid melt containers.
1315/Cal/79. Stopinc Aktiengesellschaft. Improved slide valve for the injection of material for use in the outlet of a metallurgical vessel.
1316/Cal/79. Saint-Gobain Industries. Improvements in and relating to the preparation of fibres from thermoplastic materials, such as glass.

18th December, 1979.

- 1317/Cal/79. Hugo Sachs Elektronik KG. Electrocardioscope.
1318/Cal/79. Merck Patent Gesellschaft mit beschränkter Haftung. Crew carp arrangement.
1319/Cal/79. Safta S.p.A. and Bieffe C.p.A. Flat flexible containers and relative valves and process and apparatus for their manufacture under absolutely sterile conditions.
1320 Cal/79. Schlumberger Overseas, S.A. Casing inspection with magnetic permeability correction.

19th December, 1979.

- 1321/Cal/79. Monsanto Company. 3'(Substituted phenyl)-spiro[isobenzofuran-1(3H), 5'(4'H)-isoxazol]-3-ones and their use as herbicide and plant growth regulants.
1322/Cal/79. Monsanto Company. Polymeric immunoregulatory agents.
1323/Cal/79. Ceskoslovenska Akademie Ved. Method and equipment for processing of organic material containing nitrogen compounds.
1324/Cal/79. Sumitomo Aluminium Smelting Company, Limited. Method for the removal of impurities from sodium aluminate solution.

APPLICATION FOR PATENT AT THE (DELHI BRANCH)

19th November, 1979.

- 827/Del/79. Pradex Pty. Limited, "Control Circuit for Gas Discharge Lamps". (November 20, 1978 & July 11, 1979).
828/Del/79. Paul Wurth S.A., "Process and installation for charging a shaft furnace".

20th November, 1979.

- 829/Del/79. Amarjeet Singh, "Television Antenna".
830/Del/79. Harilal S. Shablani, "Automatic Lawn Sprinkler".
831/Del/79. Smiths Industries Limited, "Fluid Sensing". (December 21, 1978).
832/Del/79. Aluminum Company of America, "Damping Spacer for Overhead Conductors".
833/Del/79. USM Corporation, "Seals for Rotary Processor".
834/Del/79. O & K Orenstein & Koppel Aktiengesellschaft, "A rotary drum, mounted on bearing rings, for the heat treatment of bulk materials".

21st November, 1979.

- 835/Del/79. Council of Scientific & Industrial Research, "A novel method for making transparent electrically conducting and infrared reflecting coatings on substrates".
836/Del/79. Dr. Siddhartha Ghosh, "A process for the manufacture of Manganese Dioxide".
837/Del/79. Dr. Siddhartha Ghosh, "An Alkaline Plumbite bath and a process for the Lead Plating or a Metal Substrate in said bath".
838/Del/79. American Radionic Co., INC., "Dual Wound Capacitor and method of making the same".
839/Del/79. Societe Chimique Des Charbonnages, "Process for the use of Nover Organometallic Halides". [Divisional date November 3, 1977].

22nd November, 1979.

- 840/Del/79. Felipe Salete-Garces, "Grain Polishing and Whitening Machine".
841/Del/79. Union Carbide Corporation, "Processing of Chromium Ore".

842/Del/79. Maschinenfabrik Rudolf Hausherr & Sohne GmbH & Co. KG., "A Device for Producing Bore Holes in Rock, Soil, etc."

23rd November, 1979.

843/Del/79. Stein Industrie, "A Support or Fixing Device for Pipes".

24th November, 1979.

844/Del/79. Romesh Chandra Mohan, "Lightening arrestor converting electrical energy into mechanical energy by using electromagnets".

845/Del/79. Romesh Chandra Mohan, "Electric Car which derives power from springs. The springs store the energy with the help of electro-magnets".

846/Del/79. Romesh Chandra Mohan, "Improvements in or relating to replaceable Heating element for electric steam Iron and the like".

APPLICATIONS FOR PATENTS FILED AT THE (BOMBAY BRANCH)

22nd November 1979.

329/Bom/1979. Venketaram Ramamirtham Iyer, manufacture of socket head cap screw on a two blow header.

330/Bom/1979. Padmanna Jambu Chaugule, A multi mould for manufacture of precast building components.

28th November 1979.

331/Bom/1979. Estrela Batteries Ltd., A pilferproof primary electric dry cell and a method of manufacturing the same.

332/Bom/1979. Jacob Varughese, An automatic device for punching and filing papers and a folder comprising the same.

29th November 1979.

333/Bom/1979. Fuel Instruments & Engineers Pvt. Ltd., The Improved hardness testing machine.

334/Bom/1979. Sunil Wasudeo Ranade, Improved crack detecting powder.

335/Bom/1979. Kantilal Hirjibhai Mistry, Full safety hook-less pad-lock.

336/Bom/1979. Sharadchandra Dataram Pandit, An apparatus for manufacturing papads and other comestibles.

ALTERATION OF DATE

147300. }
79/Del/79. } Ante-dated 26th July, 1977.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the

supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 48C.

147280.

Int. Cl.-H01b 3/00.

ELECTRIC POWER CABLES.

Applicant & Inventor: JARLF SLETBAK, OF RIMFAK-SVEIEN 2, 7000 TRONDHEIM, NORWAY AND ARILD BOTNF, OF SIGURD REGS TLE B, 7000 TRONDHEIM, NORWAY.

Application No. 438/Cal/78 filed April 24, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

An electric power cable comprising a conductor provided with one or more layers of extruded polymeric insulation material as well as an inner and an outer semiconductive layer, in which outside and separated from the outer semiconductor there is arranged a layer containing water soluble materials which limit and stabilize the relative humidity of the surroundings, including the conductor insulation, to a value not exceeding 70%.

Comp. Specn. 21 Pages.

Drg. 1 Sheet.

CLASS 32D.

147281.

Int. Cl.-C07f 3/00.

PROCESS FOR THE PREPARATION OF NOVEL ORGANOMETALLIC HALIDES.

Applicant: SOCIETE CHIMIQUE DES CHARBON AGES, OF TOUR AURORA CEDEX 5, 92080 PARIS LA DEFENSE, FRANCE.

Inventors: KAREL BUJADOUX, JEAN-PIERRE HOUZEAUX AND JEAN-MARIE NEYER.

Application No. 370/Del-77 filed November 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for preparing an organometallic halide of a metal selected from magnesium, zinc, beryllium and calcium, which comprises reacting an organic mono-halide of the formula RX, wherein R is an organic radical and X is a halogen atom, with a metal M as hereinbefore defined, under an inert and dry gas atmosphere in which the metal is in molar excess with respect to the monohalide, in which the metal is in the form of convex solid grains of a size between 1 and 15 mm. and in which the reaction temperature is lower than the initial decomposition temperature of the organometallic halide and at least 10°C higher than the boiling point of the organic monohalide.

Comp. Specn. 18 Pages.

Drg. 1 Sheet.

CLASS 15E & 850.

147282.

Int. Cl.-F27b 7/00.

MECHANICAL ADJUSTABLE ROLLER SUPPORT FOR ROTARY DRUMS.

Applicant: F. L. SMITH & CO. A S, OF 77, VIGER-SLEV ALLT. DK-2500 VALBY, COPENHAGEN, DENMARK.

Inventors: WILLIAM CHRISTIAN ENDERSEN AND BORGE JOHANSEN.

Application No. 1254/Cal/77 filed August 12, 1977.

Convention date August 16, 1976/(33954/76)U.K.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

An adjustable roller support for a rotary drum, the support comprising a roller on a shaft which is symmetrically supported by two bearings one on each side of the roller and each mounted on a separate carrying beam each carrying beam being pivotally mounted at one end to a solid foundation and being supported at its other end by a respective end of a common weigh beam which is centrally supported by a central rocking bearing of the foundation.

Comp. Specn. 11 Pages.

Drg. 4 Sheets.

CLASS 120C1.

147283.

Int. Cl.-E01m 1/18, 1/22, 5/00.

LUBRICATING SYSTEM FOR SHOE BEARING SUPPORTING A ROTATING BODY OF LARGE DIAMETER, SUCH AS A ROTARY GRINDING MILL.

Applicants : FIVES-CAIL BABCOCK, OF 7 RUE MONTALIVET, 75383, PARIS, CEDEX 08, FRANCE.

Inventors : BERNARD DESCHAMPS, GILLES DUMEZ AND GERARD MARCHAL.

Application No. 462 Cal/78 filed April 27, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A lubricating system for the shoe-type bearings of a rotary body of considerable weight and large diameter such as a drum of a rotary grinding mill, which system comprises at least one low-pressure pump arranged to provide oil to a side of the shoe upstream with respect to the direction of rotation of the rotary body, and a high-pressure pump which is arranged to supply oil at the time of starting rotation of the rotary body to a lubrication duct situated in a sliding surface of a said shoe, temperature sensing means being provided for sensing the temperature near the sliding surfaces of the shoes and being connected to a control device which is arranged to start the high-pressure pump for supplying oil to lubrication duct when the sensed temperature exceeds a first reference value.

Comp. Specn. 14 Pages.

Drg. 1 Sheet.

CLASS 35E.

147284.

Int. Cl.-B32b 7/02, C04b 39/12, F27d 1/04.

AN IMPROVED REFRACTORY LINING FOR FURNACES.

Applicant : SOCIETE DES ELECTRODES ET REFRACTAIRES SOVIE, OF 15 RUE DU ROCHER 75008 PARIS, FRANCE AND SOCIETE EUROPEENNE DES PRODUITS REFRACTAIRES, OF BOULEVARD DU CHATEAU, 92200 NEUILLY-SUR-SEINE, FRANCE.

Inventors : DANIEL DUMAS AND SERGE LACROIX.

Application No. 499/Del/77 filed December 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A refractory furnace lining comprising at least two materials of which one has a higher thermal conductivity than the other, wherein it is formed at least partly by a sandwich structure oriented in such a way as to intersect the lines of thermal flux in which the layers of materials of more or less high conductivity are alternately disposed and in which at least one layer of material(s) of lower conductivity is comprised between at least two layers of material(s) of higher conductivity, the conductivity ratio between the two categories of materials being equal to or greater than 5.

Comp. Specn. 16 Pages.

Drg. Sheets.

CLASS 132 B+C.

147285.

I.C. B 01 f 5/00.

VIBRATING DEVICE FOR SILOS.

Applicant : RATHI INDUSTRIAL EQUIPMENTS CO. (P) LTD. 27, SHANKARSHET ROAD, POONA-411009, MAHARASHTRA STATE, INDIA.

Inventor : CHAINSUKE SOBHACHAND GANDHI.

Application No. 294/Bom/1978 Filed on Oct. 5, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim.

Vibrating device for silos comprising an electrically operated mechanical vibrator mounted on a strong foundation plate the said plate having two strong studs passing through strong bellows made of resilient material such as hard rubber, thick leather or a suitable plastic material, at the other ends of the studs there is fixed a stiff slightly curved and perforated strip so that the said externally located vibrator causes the studs and the internally located perforated strip to vibrate briskly to agitate the contents inside accomplishing easy flow of material through the outlet spout.

(Comp. Specn-5 pages and 1 Drawing Sheet).

CLASS 32 F3a.

147286.

Int. Cl. CO 7 c 69/02.

PREPARATION OF ALLYLIC TERPENIC ESTERS.

Applicants : HINDUSTAN LEVER LIMITED HINDUSTAN LEVER HOUSE 165-166, BACKBAY RECLAMATION BOMBAY-400020 MAHARASHTRA INDIA.

Inventor : VINCENT PAUL.

Application No. *100/Bom/77 Filed on 14th March, 1977.

Complete specification left the February 15, 1978.

Appropriate office for opposition proceedings (Rule 4, The Patents Rules, 1972) Patent Office, Bombay Branch.

9 Claims.

1. A process of preparing allylic terpenic esters wherein an allylic terpenic halide is reacted with an alkali metal salt or ammonium salt of a lower carboxylic acid having 1 to 6 carbon atoms in the alkyl chain in the presence of a cuprous salt such as herein described in the absence of a solvent for the allylic halide.

Complete specification 6 pages; provisional specification 5 pages.

CLASS 98B.

147287.

Int. Cl. B01J 7/00.

AN IMPROVED PROCESS FOR PRODUCING FUEL GAS FROM ORGANIC FERMENTABLE WASTES AND AN ANAEROBIC DIGESTER PLANT THEREFOR.

Applicant & Inventor : JASHBHAI JHAVERBHAI PATEL VALVOD TALUKA BORSAD DIST : KHEDA GUJARAT INDIA.

Application No. 155/Bom/77 Filed on May, 2, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims.

1. An improved process for producing fuel gas from organic fermentable wastes comprising the steps of slurring the said wastes in an anaerobic digester withdrawing the gas normally generated in the said digester on fermentation of the said slurry; heating the gas withdrawn in a solar heater and releasing the heated gas at the bottom of the said digester into the slurry in the form of minute bubbles so that the hot gas rises through the slurry heating the entire body of the slurry as well as agitating the same thereby augmenting the generation of gas in the said digester.

Complete specification 8 pages drawing sheet-1.

CLASS 93 + 40F.

147288.

Int. Cl. B 29 b 1/00.

PROCESS FOR MAKING POWDERS OF HIGH POLYMERIC MATERIALS.

Name of Applicant & Inventors: (1) DR. KESHAV VINAYAK DATYE, (2) MRS. PADMAVATI KESHAV DATYE, 1439, SHURRAWAR PETH, PUNE-411 002, MAHARASHTRA, INDIA.

Application No. 344/Bom/77 filed on December 9, 1977.

Appropriate office for opposition proceedings (Rule 4 The Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims.

A process of making powders of high polymeric materials comprising dissolution in a solvent as herein described without chemical modification of the polymeric material to give a solution of 2 to 70% strength, dilution of the solution with a non-solvent diluent as herein described in the proportion of 10:1 to 1:100 without any precipitation of the polymeric material, and regeneration of the polymeric material from the diluted solution in powdered form as herein described.

(Complete Specification 14 Pages).

CLASS 73.

147289.

Int. BO 5 C 9/00 DO 6 m 11/00.

IMPROVEMENTS IN OR RELATING TO THE METHOD OF AND EQUIPMENT FOR IMPROVING THE QUALITY OF SIZING OF WARP YARNS.

Applicant: AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION P.O., POLYTECHNIC AHMEDABAD 380 015 INDIA.

Inventor: MODY DHIRAJ NATVARLAL.

Application No. 131/Bom/78 filed 2nd May, 1978.

Appropriate office for opposition proceedings (Rule 4, The Patents Rules 1972) Patent Office, Bombay Branch.

7 Claims.

1. Improvement in the method of sizing of warp yarn characterised in that warp sheet is suddenly heated to a temperature of or above that of the size paste in sowbox just prior to the entry of the warp sheet into the sowbox.

Complete specification 6 pages, drawing 1 sheet.

CLASS 133A.

147290.

Int. Cl-H02p 5/00.

APPARATUS FOR ENERGISING AN ASYNCHRONOUS MACHINE WITH A STATOR CURRENT OF CONTROLLED AMPLITUDE AND FREQUENCY.

Applicant: ZINSER TEXTILMASCHINEN GmbH A GERMAN COMPANY OF POSTFACH 1480, D-7333 EBFERSBACH, GERMANY.

Inventor: HORST WOLF.

Application No. 254/Del/77 filed September 26, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

13 Claims.

Apparatus for energising an asynchronous machine with a stator current of controlled amplitude and frequency in a manner such that the machine speed and rotor slip frequency are controlled, the apparatus comprising a static inverter, an excitation current controller, means for providing a first voltage proportional to the stator voltage, means for providing a second voltage proportional to the speed of the rotor of the asynchronous machine, and means for supplying to the input of the excitation current controller the difference between the first voltage and the second voltage, the output of the excitation current controller being supplied to one input of an adding network whose other input is supplied with

a third voltage proportional to the speed of the rotor, the output of the adding network being connected to the inverter to set its frequency so that for a given rotor speed the stator voltage is maintained at an approximately constant value, independently of the load and of the stator current, the excitation current thereby being maintained approximately constant for a given rotor speed.

(Comp 26 pages and Drawing 1 sheet).

CLASS 205H.

147291.

Int. Cl.-B60c 9/00, B60c 11/00.

A PROCESS FOR THE MANUFACTURE OF TYRES.

Applicant: INDUSTRIE PIRELLI SPA, OF CENTROL-PIRELLI, PIAZZA DUCA D'AOSTA NO 3., 20100 MILAN, ITALY.

Inventors: RENATO CARETTA, ROMANO GUERMANDI AND MAURIZIO BOIOCCHI.

Application No. 347/Del/77 filed October 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

A process for the manufacture of tyres having a radial casing, a tread and a reinforcement structure between the casing and the tread, the said reinforcement structure having at least two layers of metal cords and, in a radially outer position, at least one layer of cords which are parallel to each other and arranged in a longitudinal direction, these cords consisting a fabric which reduces in length through the effect of heat, wherein the process comprises:

- (a) making the casing in the form of a cylinder of an expandible drum;
- (b) first shaping of the unvulcanised casing to form a toroid;
- (c) applying the two or more layers of metal cords to the toroidal casing;
- (d) shaping the casing, with the metal layers, a second time to increase the external equatorial development of the casing so that it is greater than that obtained during the first shaping process;
- (e) applying the layer or layers of fabric cords and a band of elastomeric material to form the tread to the casing having the toroidal shaping obtained as a result of the second shaping process, and on top of the layers of metal cords;
- (f) expanding and vulcanising the tyre made in this way in a pressurised mould; said method being characterised by the fact that a portion of the said layer or layers of fabric cords is applied to the said casing, having the toroidal shape obtained as a result of the first shaping process, together with two or more layers of metal cords, at each side zone of the said reinforcement structure, the width of the said side zone being between 1/3 to 1/10 of the total width of the structure.

Comp. Specn. 18 Pages.

Drg. 2 Sheets.

CLASS 206E.

147292.

Int. Cl.H01L 15/00.

A METHOD OF PRODUCING SEMICONDUCTOR SWITCHING DEVICES.

Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors: JOHN BARTEK AND KUAN HAN SUN.

Application No. 307/Cal/77 filed March 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

A method of producing semiconductor switching devices with a blocking PN junction having reduced switching time from the original devices, the method comprising the steps of:

(a) determining a radiation energy level for locating a maximum defect generation area in a first, test batch of the semiconductor devices, to meet a given maximum limit switching time characteristic by the radiation of various devices in said first, test batch at different radiation levels with radiation particles having molecular weight of at least one (1), and by the measurement of at least one electrical characteristic including at least the measurement of the switching times of the irradiated devices in the first batch;

(b) positioning a major surface of at least one semiconductor device of a second batch of original semiconductor devices for exposure to the radiation; and

(c) irradiating said or each semiconductor device of said second batch with radiation particles of the same molecular weight as step (a) and having the radiation energy level as determined in step (a).

Comp. Specn. 58 Pages.

Drg. 11 Sheets.

CLASS 129G.

147293.

Int. Cl.-B21c 23/21, B30b 11/26.

AN EXTRUSION PRESS FOR EXTRUDING TUBES.

Applicant : SCHOOEMNN- SIEHAG AKTIENGESSEL
SCHAFT, OF STEINSTRASSE 13, 4000 DUSSELDORF
1, GERMANY.

Inventors : HORST-HANS GROOS, URBAN RIC-
HARDT AND SIEGFRIED HOFFMEIER.

Application No. 80/Del/78 filed January 30, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims.

An extrusion press for extruding tubes, the press including: a counter platen, a cylinder cross-head, a movable cross-head able to be moved between the counter platen and cylinder cross-head, and a press stem carried by the movable cross-head for movement therewith to carry out an extrusion operation, the press also including a piercing device carried by the movable cross-head, which device comprises a piercing mandrel, a piston and cylinder arrangement for driving the mandrel relative to the movable cross-head, a piercing cross-bar fixed to the mandrel, and axially movable mandrel stroke-limiting rods arranged parallel to the direction of movement of the movable cross-head and the mandrel, each rod being received in a bore in piercing cross-bar and in a bore in the cylinder cross-head, releasable clamping means being provided in each of the bores to releasably clamp the stroke-limiting rods.

Comp. Specn. 16 Pages.

Drg. 5 Sheets.

CLASS 12A & C & D.

Int. Cl.-C21d 1/06.

PROCESS AND APPARATUS FOR THE LOCALISED HEAT TREATMENT OF SHAPED ARTICLES.

Applicant & Inventor : DIPTA SHYAMAL MALLICK,
OF 4/1, KASUNDIA/1ST BYE LANE, HOWRAH 711104,
WEST BENGAL, INDIA.

Application No. 166/Cal/77 filed February 5, 1977.

Complete Specification left May 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A process for the localised heat treatment of shaped articles, particularly but not essentially shaped metal articles, which comprises moving the article in relation to one or more sources of heat whereby the article or those portions thereof which are desired to be heat-treated are heated to the requisite temperature, simultaneously with such movement, passing the heated article or the desired portion thereof through an aperture of predetermined size and configuration provided within quenching means, through which aperture an adjustable flow of liquid quenching medium flows out continuously on to the article in a direction counter to the direction of movement of the article whereby the quenching medium defines a predetermined curvature with respect to the area of the article or the heated portions thereof with which it comes into contact, the pattern of said curvature determining the hardness pattern desired in the article, such curvature depending on the size and configuration chosen for the aperture, the nature of the quenching medium and the rate and quantum of flow of the quenching medium.

Comp. Specn. 17 Pages.

Drg. 2 Sheets.

CLASS 129 G & H.

147295

Int. Cl. B23d 19/00.

METHOD FOR THE MANUFACTURE OF CIRCULAR BLADES FOR CUTTING STOCK IN HEATED CONDITION AND AIRCULAR CUTTING BLADES SO MANUFACTURED.

Applicant & Inventor : DIPTA SHYAMAL MALLICK,
OF 4/1, KASUNDIA 1ST BYE LANE, HOWRAH 711104,
WEST BENGAL, INDIA.

Application No. 167/Cal/77 filed February 5, 1977.

Complete Specification left May 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method for the manufacture from low carbon steel having a composition as herein defined of circular cutting blades for the cutting of stock in heated condition, which comprises forming one or more circular blanks of predetermined thickness and diameter from a sheet or plate of such steel, tracing a serrated pattern of teeth around the periphery of the or each blank, drilling through each blank, a pinhole at the location of each gullet between two adjacent traced teeth, machine-forming the teeth according to the traced pattern on each blank, subjecting in any known manner the machined blank to stress relief and tension operations, and heat treating the blade thus obtained in order to harden it and thereby achieve maximum hardness at the toothed periphery which hardness gradually decreases to the normal hardness of the body of the blank in a radially inward direction.

Comp. Specn. 20 Pages

Drg. 1 Sheet.

CLASS 39E.

147296.

Int. Cl.-C01g 31/00.

PROCESS FOR LOWERING THE SULFUR CONTENT OF VANADIUM-CARBON MATERIALS USED AS ADDITIONS TO STEEL.

Applicant : UNION CARBIDE CORPORATION, AT 270
PARK AVENUE, NEW YORK, STATE OF NEW YORK
10017, UNITED STATES OF AMERICA.

Inventors : JAMES HERBERT DOWNING, RODNEY
FRANCIS MERKERT.

Application No. 955/Cal/77 filed June 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

In the manufacture of a vanadium and carbon containing material by the vacuum furnacing of a mixture of vanadium oxide and carbon, the improvement for lowering the sulfur content of said material which comprises including in said mixture at least one material selected from the group consisting of silicon, silica and tin.

Comp. Specn. 7 Pages.

Drg. Nil.

CLASS 157D.

147297.

Int. Cl.-E01b 27/16.

IMPROVEMENT IN OR RELATING TO TRAVELLING TRACK LEVELLING, TAMPING AND LINING MACHINE ARRANGEMENT.

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., JOHANNESGASSE 3, VIENNA 1, AUSTRIA.

Inventor : ING. JOSEF THEURER.

Application No. 1428/Cnl/77 filed September 22, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A travelling track levelling, tamping and lining machine arrangement, consisting of at least one vehicle with track tamping, lifting and lining units arranged between two undercarriages or rather axles spaced apart from one another, with units for measuring and monitoring the track during its correction with the aid of separate reference systems for the levelling and lateral alignment of the track and with a unit following the correcting tools for measuring and monitoring the already-corrected track, and also with at least one propulsion drive and, in particular, a central drive source for the respective individual units and optionally with units for profiling and levelling the ballast bed, characterised in that the vehicle is preceded by a second vehicle which is equipped with its own propulsion drive for automatic continuous advance and forms a single machine formation with the first vehicle for simultaneous use with intermittent and/or continuous (non-stop) advance, the second vehicle comprising a central plough preferably arranged between two undercarriages or axles and means operable through electrical, mechanical or radio transmission systems for indicating and monitoring the track already corrected in the vicinity of the first vehicle and optionally means for applying prescribed-position colour marks or differences for monitoring the lateral position of the track and/or for centring the tamping tools.

Comp. Specn. 12 Pages.

Drg. 1 Sheet.

CLASS 70A.

147298.

Int. Cl.-B01k 3/00.

A LINING FOR THE BOTTOM OF THE STEEL OUTER SHELL OF A CELL FOR THE ELECTROLYTIC REDUCTION OF METAL ORE.

Applicant : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : JOSTEIN J. VADLA AND HAROLD JUNIOR WILDER.

Application No. 300/Del/78 filed April 25, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

12 Claims.

A lining for the bottom of the steel outer shell of a cell for the electrolytic reduction of metal ore for the production of metal such as aluminum or magnesium said lining comprising a conventional thermal insulation on the bottom of said cell and on top of said insulation a protective layer of at least one graphite sheet formed from expanded graphite having a density to a maximum of 137 pounds per cubic foot.

Comp. Specn. 13 Pages.

Drg. 1 Sheet.

CLASS 55E.

147299.

Int. Cl.-A01n 15/00.

A METHOD FOR THE PREPARATION OF ANTI-ANTHEMOCYTIC SERUM.

Applicant : INSTITUT ZOOLOGII I PARAZITOLOGII AKADEMI NAUK LITHOVSKOI SSR, OF VILNIUS, ULITS A K. POZHELOS, 54, USSR.

Inventors : JUOZAS BRONYAUS VALJUKAS, MARIONAS ALEXANDROVICH BABYANSKAS, PYATRAS ALFONSOVICH ZAYANCHKAUSKAS AND YANINA IONOVNA ZHUKAUSKENE.

Application No. 51/Cnl/78 filed January 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A method for the preparation of anti-antihemocytic serum comprising immunizing the selected species of insects with antihemocytic serum by injecting the said species with the antihemocytic serum by means of a single injection in a dose of 0.25 to 2.0 u l for every insect, removing the hemolymph and the alimentary tract from said insects in 24 hours homogenizing the remaining cells of the bodies of said insects and diluting them with a physiological solution, isolating water soluble proteins from cells of the bodies of said insects in said physiological solution by breaking the integrity of cells, and isolating the fluid from the resultant mixture, separating it from the indissoluble portion of cells of the bodies of said insects, thus recovering the target product, the said antihemocytic serum being produced from the whole blood of an animal, immunized with a suspension of hemocytes from cells of bodies of said insects.

Comp. Specn. 10 Pages.

Drgs. Nil.

CLASS 35D 39P.

147300.

Int. Cl.-704b 11/00.

A SET-INHIBITED AQUEOUS CALCIUM SULPHATE HEMIHYDRATE PLASTER SLURRY COMPOSITION.

Applicant : IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON SW1P, 3JF., ENGLAND.

Inventor : HENRY KINMY KENNEDY-SKIPTON.

Application No. 79/Del/79, filed February 3, 1979.

Convention date September 15/1976/(38190/76) U. K.

Division of Application No. 168/Del/77 filed July 26, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims. No drawings.

A set-inhibited aqueous calcium sulphate hemihydrate plaster slurry composition comprising calcium sulphate hemihydrate gauged with water containing in solution, as set-inhibiting agent, a polymer or copolymer of acrylic acid or a water-soluble salt of said polymer or copolymer, said polymer or copolymer having molecular weight within the range 2,000 to 75,000.

Comp. Specn. 31 Pages.

Drgs. Nil.

CLASS 72B.

147301.

Int. Cl.-C06b 11/00.

SLURRY EXPLOSIVE COMPOSITION AND METHOD FOR PREPARATION THE SAME.

Applicant : IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON SW1P, 3JF, ENGLAND.

Inventor : IAN RODGER CAMERON AND JOHN COOPER.

Application No. 427/Del/77 filed November 30, 1977.

Convention date December 29, 1976/(54238/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

31 Claims. No drawings.

A slurry explosive composition comprising inorganic oxidising salt selected from the nitrates and perchlorates of ammonia, sodium, potassium, barium, magnesium and calcium and mixtures of any two or more of the said salts; a liquid solvent, disperser or carrier of the kind such as herein described for said salt; and, as sensitising fuel, an alkyl mononitrate containing from 3 to 8 carbon atoms per molecule, said alkyl mononitrate being emulsified with the said solvent by means of an emulsifier of the kind such as herein described.

Comp. Specn. 31 Pages.

Drugs. Nil.

OPPOSITION PROCEEDINGS

An opposition has been entered by United Catalysts India Ltd. to the grant of a patent on application No. 146545 made by Fujimi Kenmazai Kogyo Co. Ltd. and Toyo Engineering Corporation.

PATENTS SEALED

137187 143788 143972 144230 144288 144426 144427 144428
144429 145774 145951 146259 146301 146325 146359 146363
146382 146383 146384 246393 146401 146405 146409 146425
146443 146449 146468.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The Claim made by Thiruvallu Hamauniam Sundararajan under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 259/Mas/76 in his name has been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT".

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
138171 (19.05.73)	Process for the preparation of pyridazine derivatives.
138172 (10.08.73)	Reduction of sulfur dioxide to sulfur.
138187 (07.09.74)	Process for the preparation of a DL or L-tryptophan salt.
138190 (06.03.73)	Process for preparation of succinylsuccinic acid diester.
138191 (16.01.74)	A method of producing an alkali metal containing sinter phosphate.
138203 (06.09.73)	Process for the production of antibiotic XK-49-L-B2.
138229 (13.03.73)	Method for continuously dissolving a pulverulent material and an apparatus therefor.
138292 (20.02.74)	Process for production of antibiotic platomycin A&B.
138302 (17.03.73)	Two stage gassification of coal with forced reactant & Steam treatment of recycled char.
138303 (17.03.73)	Three stage gassification of coal.
138307 (11.04.74)	Manufacture of carboxamide.
138308 (07.09.73)	Ammonia synthesis.
138322 (09.10.73)	Process for preparing hydrolysed copolymer of acrylonitrile and an unsaturated sulfonic acid.

No. Title of the invention

138330 (11.06.73)	Improved method for producing anhydrous sodium hydrosulfite, using sodium formate or formic acid ester.
138331 (18.05.73)	Process for preparing antimony-lead alloys.
138468 (25.01.75)	Process for the preparation of 7-amino- Δ^2 -cepham derivatives.
138474 (04.03.74)	Process for the preparation of α -aminoalkyl-4 hydroxy 3-alkyl sulfonylmethylbenzyl alcohol.

RENEWAL FEES PAID

95263	96721	96952	97124	97196	97221	99236	101827
101828	101829	101830	101831	101845	102371	102458	102459
102460	102461	102462	102523	102593	103043	103059	103236
103271	103285	103314	103355	103503	105212	107740	108003
108004	108005	108204	108212	108213	108374	108405	108480
108510	108985	109119	109338	19944	110919	112776	112845
112934	112947	113388	113453	113647	113773	113991	114027
114303	114625	118383	118384	118403	118408	118453	118569
118572	118593	118640	118694	118823	123491	123656	123657
123871	124317	124335	124352	124371	124421	124450	125626
124750	124827	124849	124946	125195	125225	125641	12808
126708	128470	128807	128992	129109	129347	129607	129650
129682	129834	129875	130072	130095	130461	130824	130842
131081	131299	132617	133175	133284	133414	133448	133449
133580	133581	133659	133723	133960	134009	134013	134135
134212	134278	134295	134392	134441	134557	135454	136141
136330	136516	136886	136941	136993	137023	137093	137130
137236	137375	137411	137549	137638	137858	137939	137966
138064	138128	138449	138522	138690	139340	139363	139490
139562	139607	139721	139736	139818	139821	139830	139885
140265	140293	140296	140298	140305	140306	140432	140453
140458	140483	140487	140525	140530	140545	140708	140741
140787	140881	140899	140984	141030	141058	141150	141213
141139	141346	141405	141443	141457	141535	141536	141551
141681	141682	141683	141684	141843	142007	142143	142189
142415	142445	142567	142692	142696	142741	142743	142814
142881	143195	143305	143335	143457	143484	143495	143608
143609	143612	143646	143660	143703	143753	143853	143865
143919	144070	144122	144236	144291	144318	144344	144351
144389	144464	144470	144524	144564	144594	144632	144729
144782	144940	144944	145030	145036	145067	145068	145120
145381	145392	145425	145428	145446	145460	145487	145492
145571	145572	145573	145591	145597	145626	145655	145658
145696	145703	145732	145748	145754	145756	145759	145760
145777	145780	145782	145805	145818	145842	145864	145888
145889	145990	146107	146108	146119	146122	146123	146128
146133	146249	146307	146310	146344	146396		

CESSATION OF PATENTS

130022	134531	134532	134534	134546	134549	134558	134559
134563	134566	134570	134571	134574	134576	134577	134583
134602	134603	134604	134610	134619	134621	134627	134630
134632	134639	134640	134645	134646	134650	134651	134652
134653	134655	134664	134668	134676	134680	134687	134688
134689	134690	134704	134705	134706	134709	134716	134717
134727	134730	134731	134732	134734	134740	134741	144356

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 99253 granted to Roem and Haas Company for an invention relating to "Novel-N-alkylmorpholinone esters use ful as additives in lubricant and liquid fuel compositions and method for the preparation of same". The patent ceased on the 28th April 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 19th March 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 107447 granted to The Parker Pen Company for an invention relating to "a rapid drying non-evaporating ink". The patent ceased on the 11th October 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 19th March 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 108350 granted to Rohm and Haas Company for an invention relating to "lubricant compositions". The patent ceased on the 28th April 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 19th March 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139540 granted to Chemicals and Fibres of India Limited for an invention relating to "method and apparatus for the production of high modulus high tenacity heat synthetic filament". The patent ceased on the 3rd Oct. 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 19th March 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142006 granted to Airprocess A.G. for an invention relating to "a vessel for an air mixer or the like for fluidization purposes". The patent ceased on the 13th August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 19th March 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142860 granted to Magnesium Elektron Limited for an invention relating to "a method of making a magnesium base alloy". The patent ceased on the 20th December 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 19th March 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143081 granted to Dr. Wasdeorao Paikaji Telang for an invention relating to "improved sealed lead acid storage battery and method of manufacturing such batteries". The patent ceased on the 20th June 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 19th March 1980.

Under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

- Class 1. No. 148178. M/s. Standard Electric Appliances Company of 85/A, Vengala Rao Nagar, Hyderabad 500 890. A Partnership Concern. "Water Instant Mini Geyser". March 16, 1979.
- Class 1. No. 148263. Rex Auto Products, 3060-Bahadurgarh Road, Delhi-110006, an Indian Partnership Concern. "Mirror". April 7, 1979.
- Class 1. No. 148266. Metal and Arts, an Indian Partnership Firm of 91-C, Lattice Bridge Road, Truvanmiyur, Madras-600041, Tamil Nadu, India. "a Jug". April 7, 1979.
- Class 3. No. 148150. Geep Flashlight Industries Limited, 28, South Road, Allahabad, Uttar Pradesh, India, an Indian Company. "Torch". March 6, 1979.
- Class 3. No. 148151. M. S. Art, 1585, Room No. 2, Section 27, Ulhasnagar-4, Dist. Thana, Maharashtra, Indian Proprietary Firm. "Doll". March 6, 1979.
- Class 3. No. 148152. M.S. Art, 1585, Room No. 2, Section 27, Ulhasnagar-4, Dist. Thana, Maharashtra, Indian Proprietary Firm. "Doll". March 6, 1979.
- Class 3. No. 148176. Dunlop Limited, a British Company incorporated under the laws of England of Dunlop House, Ryder Street, St. James's, London SW1Y 6 PX, England. "Tyre for a Vehicle Wheel". Priority date October 5, 1978.
- Class 3. No. 148180. Sundeep Rubber & Chemical Industries, N.A., 266, Kishanpura, Jullundur (P.b.). Indian Partnership Act. "Chappal Strap". March 19, 1979.
- Class 3. No. 148181. Plastella. A Partnership Firm at 91, Swami Vevekanand Road, Borivli, Bombay-400092, State of Maharashtra, India. "Container". March 19, 1979.
- Class 3. No. 148182. Plastella. A Partnership Firm of 91, Swami Vevekanand Road, Borivli, Bombay-400092, State of Maharashtra, India. "Container". March 19, 1979.
- Class 3. No. 148192. Shah Chandravadan Sumanlal an Indian of 402, Indira Apparatments, Carmichael Road, Bombay-400026, Maharashtra. "Gas Lighter". March 23, 1979.
- Class 3. No. 148194. Minni Trading Corporation, 5B, Kanchan Villa, Goraswadi, Malad, Bombay-400064, Maharashtra, Indian Partnership Firm. "Cap of Bottle". March 26, 1979.
- Class 3. No. 148197. Minni Trading Corporation, 5B, Kanchan Villa, Goraswadi, Malad, Bombay-400064, Maharashtra, Indian Partnership Firm. "Pouher Plug". March 26, 1979.
- Class 3. No. 148199. Minni Trading Corporation, 5B, Kanchan Villa, Goraswadi, Malad, Bombay-400064, Maharashtra, Indian Partnership Firm. "Pourer Plug". March 26, 1979.
- Class 3. No. 148220. Woodstock Sound Corporation, 4/2, Industrial Area, Kirti Nagar, New Delhi, an Indian Partnership Concern. "Stereo Amplifier Box". March 30, 1979.
- Class 3. No. 148221. Woodstock Sound Corporation, 4/2, Industrial Area, Kirti Nagar, New Delhi, an Indian Partnership Concern. "Loud Speaker". March 30, 1979.
- Class 3. No. 148238. Ved Prakash, an Indian National, Sole Proprietor, Gulshan Material Corporation, 6 Shopping Centre, Karampura, New Delhi-110015. "Bottles". April 3, 1979.
- Class 3. No. 148242. Nilkamal Plastic & Allied Industries, 5, Rewa Chambers, 1st floor, New Marine Lines, Bombay-400020, Maharashtra, Indian Partnership Firm. "Milk Crate". April, 1979.
- Class 3. No. 148269. Minimax Enterprises, 6, Divya Darshan, 5, Vallabh Nagar Society, 5th floor, Juhu Scheme, Vile Parle (West), Bombay-400056, Maharashtra, an Indian Partnership Firm. "Index for Table Phone". April 9, 1979.
- Class 4. No. 148124. The Miniature Bulb Industries (India) Private Limited, an Indian Private Limited Company, at 131, Kanwali Road, Dehra Dun 248001, State of Uttar Pradesh, India. "An Electric Lamp". February 23, 1979.

S. VEDARAMAN

Controller General of Patents, Designs and Trade Marks.